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MATERIAL SAFETY DATA SHEET

Date: 9/22/09

IDENTIFICATION

Product: Carbon of Graphite
Chemical Family: Carbon
DOT Hazard Class: Inert

1. **INGREDIENTS/COMPOSITION (INERT & HAZARDOUS)**

Carbon / Synthetic Graphite

Percent: 100%

ACGIH TLV: 10 mg/M³ Total Dust

OSHA PEL: 15 mg/M³ Total Dust

2. **PHYSICAL DATA**

Boiling Point:	8720 F	Melting Point:	6605 F
Evaporation Rate:	None	Solubility in Water:	Insoluble
Appearance:	Grey / Black Solid	Specific Gravity:	2 - 2.5
Odor:	None	Vapor Density:	0.1%
Vapor Pressure:	Negligible at R.T.	Volatiles by Weight:	Negligible at R.T.

3. **HEALTH HAZARD DATA**

Primary Route(s) of Entry: Inhalation of Dust.

Effects of Overexposure: None. These products are generally in solid form and do not generate any dust unless forcibly altered - as in a machining process. If dust from the product is present, prolonged or repeated, breathing of the dust may cause benign pneumoconiosis.

4. **EMERGENCY & First Aid Measures**

Eyes: Flush with water if irritation from dust occurs

Skin: None necessary (Wash with hand soap)

5. **FIRE & EXPLOSION DATA**

Flash Point: None

Upper/Lower Explosive Limits: None

Extinguishing Media: Water, CO₂, Sand

Extinguishing Media to Avoid: None

Hazardous Decomposition Products: In normal combustion, CO₂ and CO

Unusual Fire & Explosive Hazards: None

6. **REACTIVITY DATA**

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility (Materials to Avoid): None

7. **SPILL OR LEAK PROCEDURES**

Steps will be taken in case material is released or spilled:

Use normal housekeeping procedures

Waste Disposal:

Dispose of product in accordance with local, county, state, and federal regulations.

8. **SPECIAL PROTECTIVE EQUIPMENT**

Respiratory Protection: Use an approved respirator for nuisance dusts if levels exceed the PEL limit.

Protective Gloves: Not Required.

Eye Protection: Safety glasses recommended if airborne particles are produced.

Other Protective Equip: None